

Converting Colors

CIELCh(34, 32.113, 138.832)

Have a look what the booklet for
CIELCh(34, 32.113, 138.832)
contains.

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Color

CIELCh(34, 32.069, 138.871)

Conversions

Conversions Part 1

Format	Color
Hex	31592D
RGB	49, 89, 45
RGB Percent	19%, 35%, 18%
CMY	0.8074, 0.6506, 0.8231
CMYK	0.45, 0.00, 0.49, 0.65
HSL	115°, 33%, 26%
HSV	115°, 49%, 35%
XYZ	5.3284, 8.0082, 3.7573
YIQ	72.0240, -9.7160, -22.1640

Conversions

Conversions Part 2

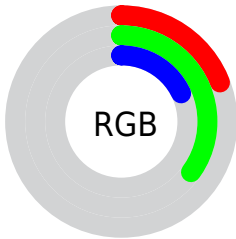
Format	Color
RYB	45, 89, 85
Decimal	3234093
CIELab	34.00, -24.16, 21.09
CIElCh	34, 32.069, 138.871
Yxy	8.0082, 0.3117, 0.4685
Android (android.graphics.Color)	4281424173 (0xFF31592D)
YUV	72.0240, -13.3228, -20.1920
Hunter-Lab	28.2988, -15.9132, 11.9370

Details

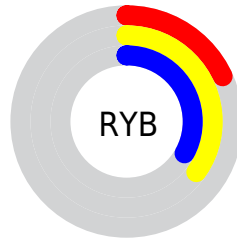
The CIELCh color **34, 32.069, 138.871** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **25, 32.232, 324.107**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **54, 31.607, 138.993**, and **14, 31.275, 139.849** is the 20% darker color. If you saturate the color by 10%, you get **33, 37.990, 138.054**, and if you desaturate by 10%, it is **35, 25.794, 139.645**.

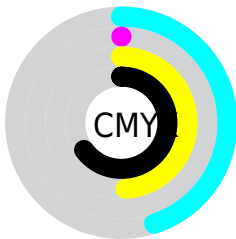
Distribution



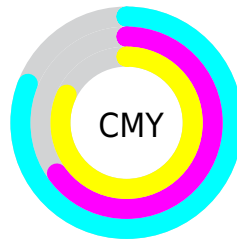
- Red (19%)
- Green (35%)
- Blue (18%)



- Red (18%)
- Yellow (35%)
- Blue (33%)



- Cyan (45%)
- Magenta (0%)
- Yellow (49%)
- Black (65%)





- Cyan (81%)
- Magenta (65%)
- Yellow (82%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 32.069, 138.871 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 34, 32.069, 138.871 by changing the saturation by 10% instead.


 34, 32.069,
138.871


 34, 32.069,
138.871

 100, 32.069,
138.871


 24, 32.069,
138.871

 54, 32.069,
138.871


 14, 32.069,
138.871


 64, 32.069,
138.871

 4, 32.069, 138.871

 74, 32.069,
138.871

 0, 32.069, 138.871

 84, 32.069,
138.871

 94, 32.069,
138.871

■ 34, 32.069,
138.871

■ 34, 32.069,
138.871

■ 33, 37.990,
138.054

■ 35, 25.794,
139.645

■ 33, 43.372,
137.240

■ 35, 19.308,
140.351

■ 33, 47.997,
136.509

■ 36, 12.725,
140.980

■ 32, 51.628,
135.964

■ 37, 6.134, 141.539

■ 32, 54.767,
135.199

■ 38, 0.401, 321.664

■ 32, 54.964,
135.138

■ 39, 6.834, 322.384

■ 40, 13.132,
322.746

■ 41, 19.275,
323.052

■ 42, 25.250,
323.313

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



34, 32.069, 138.871



25, 32.232, 324.107

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



34, 32.069, 138.871



34, 32.069, 188.871



34, 32.069, 318.871



34, 32.069, 8.871

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



34, 32.070, 138.872



47, 12.110, 141.207



36, 24.096, 100.951



24, 8.332, 141.130



76, 0.009, 296.813



25, 0.004, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34, 32.070, 138.872



43, 46.359, 137.933



34, 24.528, 154.222



17, 3.572, 141.574



39, 62.644, 135.299



81, 111.944, 135.685

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



25, 32.232, 324.107



31, 46.469, 324.490



25, 25.180, 342.701



16, 3.583, 322.337



22, 61.371, 324.865



52, 109.154, 324.644

Previews

White Background



This preview shows how the CIELCh color 34, 32.069, 138.871 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the CIELCh color 34, 32.069, 138.871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 34, 32.069, 138.871

Background



This preview shows how black text looks on a background with the CIELCh color 34, 32.069, 138.871.



This preview shows how white text looks on a background with the CIELCh color 34, 32.069, 138.871.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

34, 32.069, 138.871

Protanopia

34, 23.607, 96.356

Deuteranopia

34, 20.536, 76.479



Tritanopia
34, 10.627, 222.786

Trichromacy



Original Color
34, 32.069, 138.871

Protanomaly
34, 24.689, 116.111

Deuteranomaly
34, 20.867, 107.842

Tritanomaly
34, 14.873, 166.928

Monochromacy



Original Color
34, 32.069, 138.871

Achromatopsia
31, 0.005, 296.813

Achromatomaly
32, 11.928, 140.020

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 32.069, 138.871 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(49, 89, 45)` looks like.

```
.text, #text, p{  
    color:rgb(49, 89, 45)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(49, 89, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 89, 45) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 32.069, 138.871 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(49, 89, 45) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(49, 89, 45) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(49, 89, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 89, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 89, 45);  
box-shadow:4px 4px 4px 4px rgb(49, 89, 45)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 32.069, 138.871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 89, 45) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(49, 89,  
45) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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